PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference PC-9345	FOR FURTHER ACTION	See item 4 below				
International application No. PCT/JP2004/015826	International filing date (day/month/year) 26 October 2004 (26.10.2004)	Priority date (day/month/year) 27 October 2003 (27.10.2003)				
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237						
Applicant KASAI, Hiroshi						

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis. 1(a).					
2.	This REPORT consists of a total of 4 sheets, including this cover sheet. In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.					
3.	This report contains indications relating to the following items:					
	Box No. I Basis of the report					
	Box No. Π	Priority				
	Box No. III	Non-establishment of opini applicability	on with regard to novelty, inventive step and industrial			
	Box No. IV Lack of unity of invention					
	Box No. V	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
	Box No. VI	Box No. VI Certain documents cited				
	Box No. VII Certain defects in the international application					
	Box No. VIII Certain observations on the international application					
4.	4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).					
			,			
			Date of issuance of this report 27 July 2006 (27.07.2006)			
	The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland		Authorized officer Yoshiko Kuwahara			
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Form PCT/IB/373 (January 2004)

PATENT COOPERATION TREATY

TRANSLATION From the INTERNATIONAL SEARCHING AUTHORITY WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing (day/month/year) Applicant's or agent's file reference FOR FURTHER ACTION See paragraph 2 below PC-9345 International filing date (day/month/year) Priority date (day/month/year) International application No. 27.10.2003 26.10.2004 PCT/JP2004/015826 International Patent Classification (IPC) or both national classification and IPC Applicant KASAI, Hiroshi This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. III Lack of unity of invention Box No. IV Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form PCT/ISA/220. Authorized officer Name and mailing address of the ISA/JP Telephone No.

Facsimile No.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2004/015826

Box	x No. I Basis of this opinion
1.	With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under
	Rule 12.3 and 23.1(b)).
2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
	a. type of material
	a sequence listing
	table(s) related to the sequence listing
	b. format of material
	in written format
	in computer readable form
	c. time of filing/furnishing
	contained in the international application as filed.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority for the purposes of search.
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Additional comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2004/015826

Вох			lle 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; porting such statement	
1.	Statement			
	Novelty (N)	Claims	3-6, 8-12	YES
		Claims	1, 2, 7, 13-17	NO
	Inventive step (IS)	Claims	3-6, 8, 9, 11, 12	YES
			1, 2, 7, 10, 13-17	NO
	Industrial applicability (IA)	Claims	1-17	YES
		Claims		NO

2. Citations and explanations:

Document 1: JP 8-189929 A (Nikken Foods Co., Ltd.) 23 July 1996

Document 2: WO 00/39579 A (FLEXSITE DIAGNOSTICS, INC.) 06 July 2000 & JP

2002-533722 A

Document 3: JP 2000-310625 A (Sumitomo Pharmaceuticals Co., Ltd.) 07 November 2000

Remarks:

Claims 1, 2, 7 and 13

Document 1 describes a method for purifying and measuring with an anion exchange column 8-hydroxydeoxyguanosin, an oxidatively injured guanine compound, which is formed as a result of injuring guanine contained in the sample in a DNA or an RNA or a nucleotide.

Claims 13-17

Document 3 describes a method for purifying with an anion exchange column 8-hydroxydeoxyguanosin, an oxidatively injured guanine compound, which is formed as a result of injuring guanine contained in the sample in a DNA or an RNA or a nucleotide, and further purifying and measuring using a gel filtering column.

Claim 10

In addition to the previous remarks, document 2 describes a method for analysis wherein urine sample is reextracted from a urine sample after being subjected to be dropped on a test paper to be dried.

Claims 3-5, 8 and 9

In addition to the previous remarks, none of documents 1-3 describes or suggests a method for simultaneously measuring a substance correcting the concentration when measuring 8-hydroxydeoxyguanosin.